

μ-X360s

X-ray Tube Exchange (Optional item)

Possible to exchange to the most optimum X-ray tube for the target material by customer.

Cr(chromium), V(vanadium), Mn(manganese)
Cu(copper), Co(cobalt)



Recommended X-ray tube vs. Material

Tube	Match	Material	hkl	Bragg angle(deg.)	
Cr	◎	αFe	211	156.396	ka
	○	γFe	311	148.513	kβ
	◎	Al	311	139.528	ka
	○	Al	222	157.041	ka
	○	Ni(pure)	311	158.330	kβ
	○	Ni(alloys)	311	150.876	kβ
	○	Mg	104	152.401	ka
V	◎	Ti(α)	103	140.077	ka
	◎	W	211	151.552	ka
	◎	WC	111	152.053	ka
	○	Cu	220	156.972	ka
	◎	SiC	116	144.601	ka
Mn	◎	γFe	311	152.295	ka
	○	Ni(pure)	311	164.424	ka
	○	Ni(alloys)	311	155.321	ka
Cu	○	Cu(alloys)	420	144.982	ka
	○	Ni(pure)	420	156.705	ka
	○	Ni(alloys)	420	153.749	ka
Co	○	αFe	301	161.861	ka
	○	Al	331	148.992	ka
	○	Mg	300	150.095	ka

Please feel free to contact us about other materials.